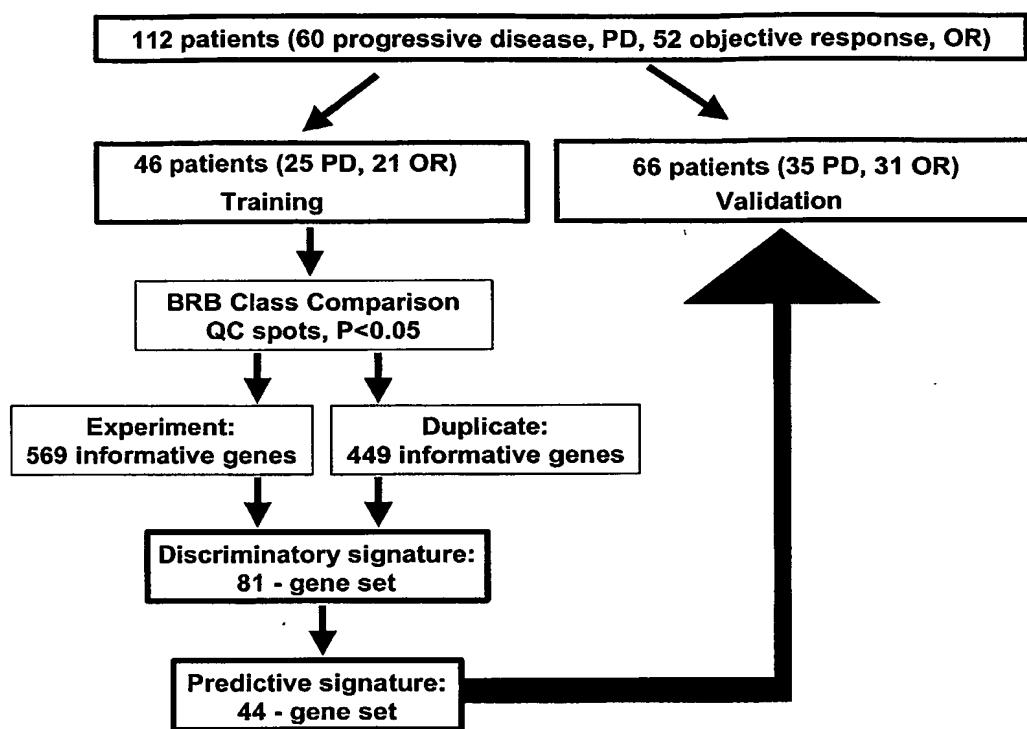


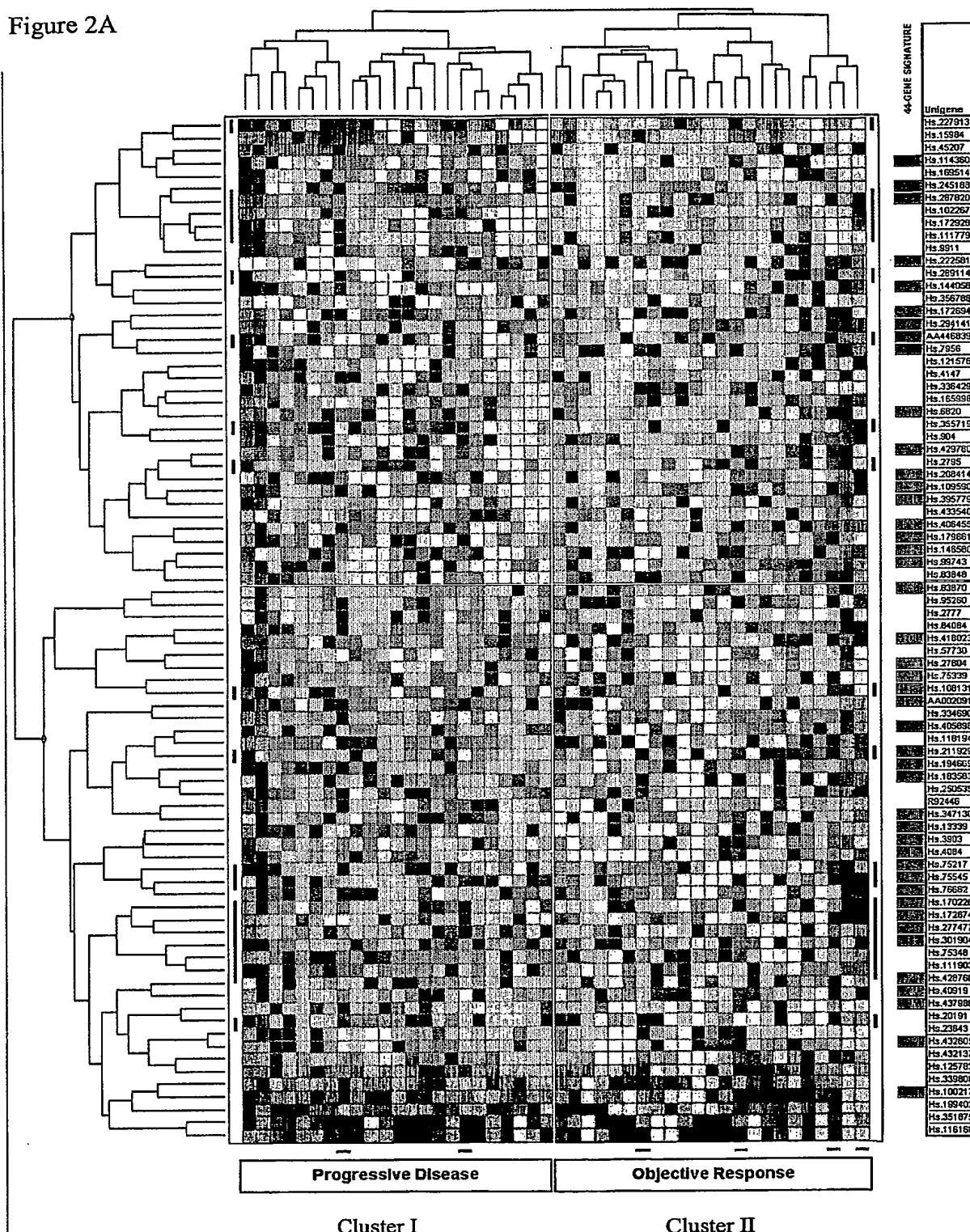
Figure 1



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Figure 2A



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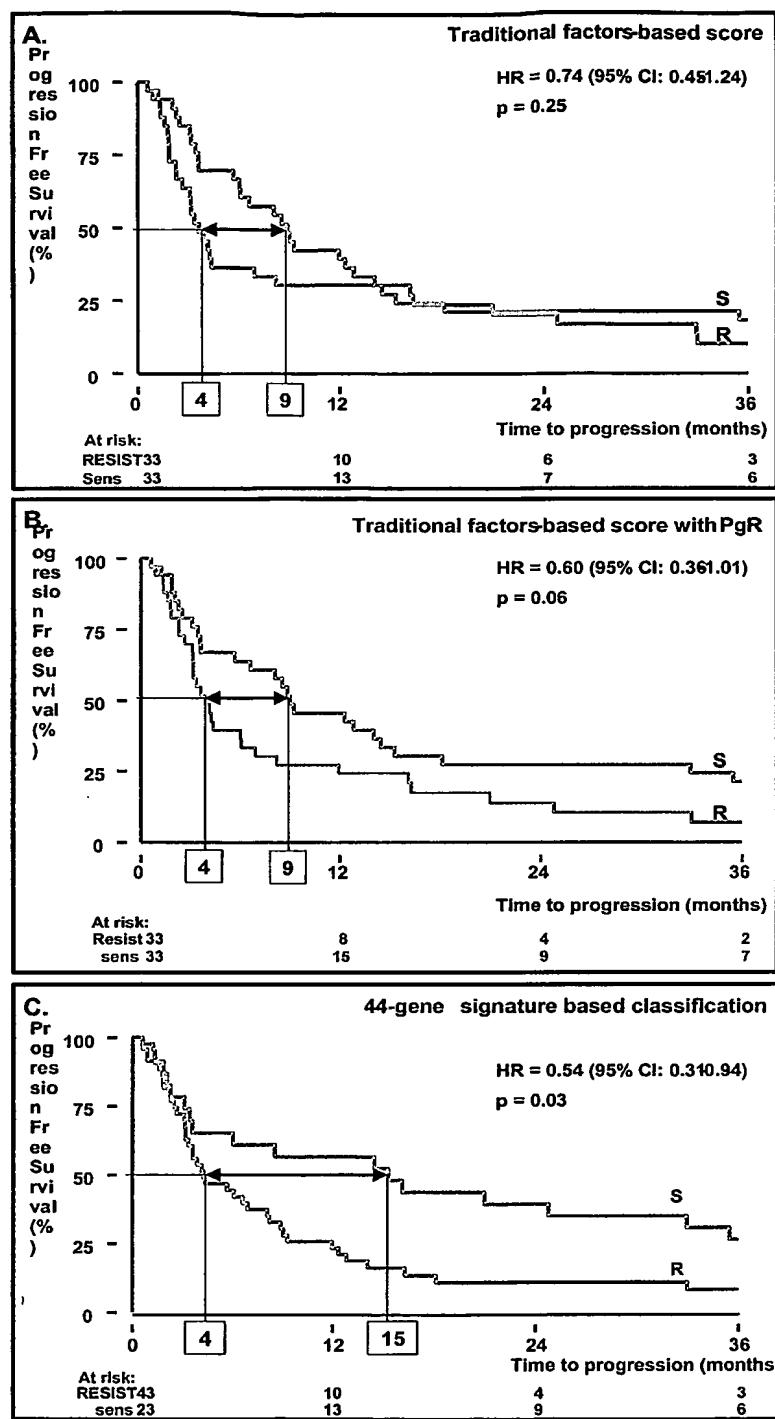
Figure 2B

44-GENE SIGNATURE		Gene Symbol	Location	SWISSPROT Keywords	ER regulation
		AP5	11p12-q12		8
		LOC51186	Xq22.1		
		CHD8-pending	20q12		
		TSC2	13q14	Transcription regulation; Repressor; Nuclear protein.	21
		Hs.114360			
		Hs.169514			
		TIMP3	22q12.3	Metalloprotease inhibitor; Cell adhesion.	19
		Hs.267920	2q34		
		Hs.102267	5q23.2		
		LOX			
		Hs.172928	17q21.3-q22.1	Extracellular matrix.	
		COL1A1			
		SPARC	5q31.3-q32	Extracellular matrix.	17
		Hs.111779			
		Hs.5911	12q13.13		
		FLJ1773			
		Hs.222581			
		TNC	9q33	Extracellular matrix; Cell adhesion.	
		Hs.289114			
		Hs.144058	17q25.2		
		DKFZP564C103			
		Hs.356788	9q21.2		
		GNAQ			
		Hs.172694	LOC117584	17q12	
		LOC117584			
		Hs.234141	SMARCA4	19p13.3	
		SMARCA4			
		AAA446833	BNP3	10q26.3	
		BNP3			
		Hs.7556			
		Hs.121576	MYO1B	2q12-q34	Myosin; ATP-binding; Actin-binding; Calmodulin-binding.
		MYO1B			
		Hs.4147	TRAM	8q13.1	Endoplasmic reticulum; Transmembrane; Glycoprotein.
		TRAM			
		Hs.336429	GABARAPL1	12p13.31	
		GABARAPL1			
		Hs.165998	PAI-RRP1	1p31-q22	
		PAI-RRP1			
		CFP1	10p11.21		
		CFP1			
		Hs.355718	NPM1	5q35	Nuclear protein; Phosphorylation; RNA-binding; Proto-oncogene.
		NPM1			
		Hs.904	AGL	1p21	Glycogen biosynthesis; Glycosytransferase.
		AGL			
		Hs.429760			
		LDHA	11p15.4	Oxidoreductase; NAD; Glycolysis.	20
		LDHA			
		Hs.2795			
		Hs.208414			
		GENX-3414	4q24-q25		
		GENX-3414			
		Hs.109590	CAMTA1	1p38.23	
		CAMTA1			
		Hs.433340	DNAJC8	1p35.2	Cheaperane.
		DNAJC8			
		Hs.408455	PSAP	10q21-q22	Glycoprotein; Lysosome; Sphingolipid metabolism.
		PSAP			
		Hs.179861	OKGSW-11.56	6p21.33	Microtubule; GTP-binding.
		OKGSW-11.56			
		Hs.165960	ENO2	12p13	Lyase; Glycolysis; Magnesium.
		ENO2			
		Hs.99743			
		Hs.83848	TPH1	12p13	Isomerase; Glycolysis; Gluconeogenesis; Fatty acid biosynthesis.
		TPH1			
		Hs.83870	NEB	2q22	Actin-binding; Muscle protein; Cytoskeleton.
		NEB			
		Hs.95260	FAM8A1	6p22-p23	
		FAM8A1			
		Hs.2777	ITPH1	3p21.2-p21.1	Serine protease inhibitor.
		ITPH1			
		Hs.84084	APPBP2	17q21-q23	
		APPBP2			
		Hs.418023			
		Hs.57730	KAAA0133	1q42.13	Hypothetical protein; Transmembrane.
		KAAA0133			
		Hs.27804			
		Hs.75538	INPL1	11q23	
		INPL1			
		Hs.108131	CASP2	7q34-q35	Hydrolase; Thiol protease; Apoptosis.
		CASP2			
		Hs.002091	CACH-1	5q14.1	
		CACH-1			
		Hs.334690			
		Hs.405998	KAAA0999	11q23.3	
		KAAA0999			
		Hs.118194	DEB1	3q22.3	
		DEB1			
		Hs.211929	TXN2	22q13.1	Redox-active center; Electron transport; Mitochondrion.
		TXN2			
		Hs.194653	EZH1	17q21.1-q21.3	Transcription regulation; Nuclear protein; DNA-binding.
		EZH1			
		Hs.183583	SERPINB1	6p25	Serpin; Serine protease inhibitor.
		SERPINB1			
		Hs.250535	RAB9EP	17p13.2	
		RAB9EP			
		Hs.32448			
		Hs.347130	FLJ22709	18p13.11	
		FLJ22709			
		Hs.13339	PRPSAP2	17p12-p12	
		PRPSAP2			
		Hs.3803	CDC42EP4	17q24-q25	Cytoskeleton.
		CDC42EP4			
		Hs.4084	HUAA1025	12q24.22	
		HUAA1025			
		Hs.75217	MAP2K4	17p11.2	Serine/threonine-protein kinase; Tyrosine-protein kinase.
		MAP2K4			
		Hs.75545	ILAR	16p12.1-12.2	Receptor; Transmembrane; Glycoprotein.
		ILAR			
		Hs.76662	APH2	10q24.1	
		APH2			
		Hs.170226	FLJ38045	8q33.1	
		FLJ38045			
		Hs.172674	NFATC3	16q22.2	Transcription regulation; Activator; Nuclear protein; DNA-binding.
		NFATC3			
		Hs.277477	HLA-C	6p21.3	MHC I; Transmembrane; Glycoprotein.
		HLA-C			
		Hs.301804	FLJ12671	16p1.3	
		FLJ12671			
		Hs.75348	PSME1	14q11.2	Proteasome; Interferon induction.
		PSME1			
		Hs.111903	FOORT	19q13.3	IgG-binding protein; Receptor; Transmembrane; Glycoprotein.
		FOORT			
		Hs.429760			
		Hs.40919	FLJ14511	8q22.33	
		FLJ14511			
		Hs.437986			
		Hs.20181	SIAH2	3q25	
		SIAH2			
		Hs.23843	MS14	Xq28.1	
		MS14			
		Hs.432605	UGCO	8q31	Glycosyltransferase; Endoplasmic reticulum.
		UGCO			
		Hs.432137	DLX2	1p32.3	
		DLX2			
		Hs.125783	DEME-8	1p21.3	
		DEME-8			
		Hs.339306	KAAA0563	17q21.31	
		KAAA0563			
		Hs.100217	FMNL	17q21	
		FMNL			
		Hs.159402	UFD1L	22q11.21	Ubiquitin conjugation pathway.
		UFD1L			
		Hs.351675	COXBC	8q22-q23	Oxidoreductase; Inner membrane; Mitochondrion.
		COXBC			
		Hs.116160			

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Figure 3



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Figure 4

